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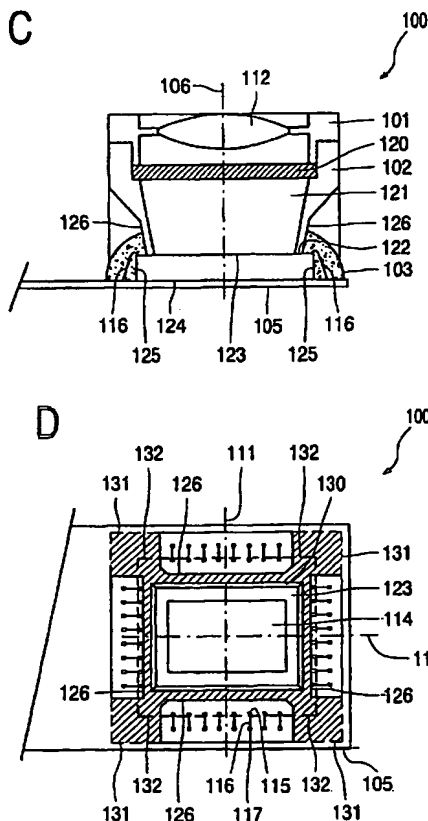
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(54) Title: CAMERA MODULE, HOLDER FOR USE IN A CAMERA MODULE, CAMERA SYSTEM AND METHOD OF MANUFACTURING A CAMERA MODULE



(57) Abstract: The invention relates to a camera module 100. The camera module 100 comprises a holder 102, which provides a light-conducting channel 121. Within the light-conducting channel 121 a lens 112 having an optical axis 106 is present. A solid-state image sensor 113 is present near an end 122 of the light-conducting channel 121. The image sensor 113 is provided with an image pick-up section 114, which is oriented perpendicularly to the optical axis 106. Near the end 122 of the light-conducting channel, forming part of the holder 102, aligning means 131 are present for aligning the image pick-up section 114 with the optical axis 106. In one embodiment of the camera module 100, the inner wall 130 of the holder 102 is substantially rectangular, seen in cross-sectional view in a direction perpendicular to the optical axis 106. Bulges 131 present near the corners of the rectangle form the aligning means. The bulges 131 are provided with L-shaped recesses 132 in which the lateral surfaces 125 of the solid-state image sensor 113 are placed substantially without play. This method of aligning the image pick-up section 114 with the optical axis 106 simplifies the manufacture of the camera module 100.